GENERAL INDEX, VOLUME 88, NO. 1, 2, AND 3 (1951)

Abbott, M. J.: Lysis of *Pasteurella pseudotuberculosis* by bacteriophage, 187

Ascaris, On the toxic and allergic manifestations caused by the tissues and fluids in ascaris.
III. Hypersensitivity through infection in the guinea pig, 168

Balamuth, William: Biological studies on *Entamoeba hystolytica*.
III. Induced encystation in several mediums, including an account of a new procedure, 230

Bartonella muris, The effect of X-irradiation on rats with and without *Bartonella muris*, 224

Bassett, Eleanor: Resistance of lungs to streptococci as affected by ascorbic acid blood level or histamine administration, 98

Blau, Marcelle R.: A study of freshly generated bacterial aerosols of *Micrococcus candidus* and *Escherichia coli*, 256

Birkeland, Jorgen M.: Erythrocyte destruction in tuberculous animals following tuberculin injection, 9

Brandt, Noreen: Erythrocyte destruction in tuberculous animals following tuberculin injection, 9

Brueckner, A. L.: Response of the Syrian hamster to oral administration of Newcastle disease virus, 178

Buechler-Czaczkes, E.: The effect of protein deficiency on the resistance of rats to infection with spirochetes of relapsing fever, 105

Burns, Kenneth F.: Immunological relationship between the viruses of Japanese B encephalitis and Japanese equine encephalomyelitis, 1

Camargo N., Fernando: In vitro cultivation of the Mexican strain (Vallée "A" type) of foot-and-mouth disease virus, 212

Coolidge, Thomas B.: Further observations on metabolic changes in oral lactobacilli, 237
Hetero- to homofermentative change in lactobacilli, 241

Corynebacterium, Experimental arthritis in albino rats produced by a strain of, 290

Diphtheria, The inhibitory action of saliva on the diphtheria bacillus: hydrogen peroxide, the inhibitory agent produced by salivary streptococci, 81

Doetsch, Raymond N.: Vitamin requirements of *Neisseria*, 156

Dong, Luther: A search for poliomyelitis virus in house dust and a study of the effects of drying on the viability of the virus, 180

Dunne, Howard W.: In vitro cultivation of the Mexican strain (Vallée "A" type) of foot-and-mouth disease virus, 212

Eddie, B.: Human carrier of the psittacosis virus, 109

Eichhorn, Ervin A.: In vitro cultivation of the Mexican strain (Vallée "A" type) of foot-and-mouth disease virus, 212

Eisele, C. Wesley: Experimental human salmonellosis.
I. Pathogenicity of strains of *Salmonella meleagridis* and *Salmonella anatum* obtained from spray-dried whole egg, 278

Entamoeba histolytica, Biological studies on.
III. Induced encystation in several mediums, including an account of a new procedure, 230

Escherichia coli, A study of freshly generated bacterial aerosols of *Micrococcus candidus* and *Escherichia coli*, 256

Experimental arthritis, in albino rats produced by a strain of *Corynebacterium*, 290
In albino rats and mice produced by alpha type streptococci, 298

Faber, Harold K.: A search for poliomyelitis virus in house dust and a study of the effects of drying on the viability of the virus, 180

Farr, Leo E., Jr.: A study of freshly generated bacterial aerosols of *Micrococcus candidus* and *Escherichia coli*, 256

Feline pneumonitis, Purification and properties of the agent of, 56

Respiratory metabolism of the extra-embryonic membranes of chick embryos in relation to multiplication of the agent of, 68

Ferry, Ronald M.: A study of freshly generated bacterial aerosols of *Micrococcus candidus* and *Escherichia coli*, 256

Friedlander, Harold: Experimental arthritis in albino rats produced by a strain of *Corynebacterium*, 290
Experimental arthritis in albino rats and mice produced by alpha type streptococci, 298

Garrison, Delna W.: Resistance of lungs to streptococci as affected by ascorbic acid blood level or histamine administration, 98

Goldberg, L. J.: Studies on the experimental epidemiology of respiratory infections.
V. Evaluation of factors related to slit sampling of airborne bacteria, 243

Greenberg, Joseph: Studies on *Plasmodium gallinaceum* in vitro.
I. A method for maintenance of the erythrocytic parasite in vitro, 158
II. The effects of some 8-aminoquinolines against the erythrocytic parasites, 163

Groman, Neal B.: Dynamic aspects of the nitrogen metabolism of *Plasmodium gallinaceum* in vivo and in vitro, 126

Guggenheim, K.: The effect of protein deficiency on the resistance of rats to infection with spirochetes of relapsing fever, 105

Gunnison, J. B.: Lysis of *Pasteurella pseudotuberculosis* by bacteriophage, 187
Rapid differentiation between *Pasteurella pestis* and *Pasteurella pseudotuberculosis* by action of bacteriophage, 254

Habermann, Robert T.: Experimental arthritis in albino rats produced by a strain of *Corynebacterium*, 290
Experimental arthritis in albino rats and mice produced by alpha type steptococci, 298

Halevy, S.: The effect of protein deficiency on the resistance of rats to infection with spirochetes of relapsing fever, 105

Harrison, R. W.: Further observations on metabolic changes in oral lactobacilli, 237

Hemans, Margaret J.: In vitro and chemotherapeutic studies with chloramphenicol (chloromycetin) against *Hemophilus pertussis*, 50

Hemophilus pertussis, In vitro and chemotherapeutic studies with chloramphenicol (chloromycetin) against, 50

Hodges, Eleanor A.: Further observations on metabolic changes in oral lactobacilli, 237

Huff, Clay G.: Observations on the pre-erythrocytic stages of *Plasmodium relictum*, *Plasmodium cathemerium*, and *Plasmodium gallinaceum* in various birds, 17

Hunter, Matthew C.: Laboratory aspects of an infection with Newcastle disease virus in man, 272

Johnson, Ann: The inhibitory action of saliva on the diphtheria bacillus: hydrogen peroxide, the inhibitory agent produced by salivary streptococci, 81

Jones, Haven: Resistance of lungs to streptococci as affected by ascorbic acid blood level or histamine administration, 98

Josephson, Edward S.: Studies on *Plasmodium gallinaceum* in vitro.
I. A method for maintenance of the erythrocytic parasite in vitro, 158
II. The effects of some 8-aminoquinolines against the erythrocytic parasites, 163

Keeney, Arthur H.: Laboratory aspects of an infection with Newcastle disease virus in man, 272

Kligman, Albert M.: The use of gastric mucin to lower resistance of laboratory animals to systemic fungus infections, 151

Lactobacilli, Further observations on metabolic changes in oral lactobacilli, 237
Hetero- to homofermentative change in, 241

Larson, A.: Rapid differentiation between *Pasteurella pestis* and *Pasteurella pseudotuberculosis* by action of bacteriophage, 254

Lazarus, A. S.: Rapid differentiation between *Pasteurella pestis* and *Pasteurella pseudotuberculosis* by action of bacteriophage, 254

LeQuire, Virgil S.: The augmentation of the thermogenic effects of pyrogens by homologous plasma in rabbits, 194

Mace, Don L.: In vitro cultivation of the Mexican strain (Vallée "A" type) of foot-and-mouth disease virus, 212

Malaria, Observations on the pre-erythrocytic stages of *Plasmodium relictum*, *Plasmodium cathemerium*, and *Plasmodium gallinaceum* in various birds, 17
The adaptation of the avian malaria parasite *Plasmodium lophurae* to a continuous existence in infant mice, 86
Dynamic aspects of the nitrogen metabolism of *Plasmodium gallinaceum* in vivo and in vitro, 126
Studies on *Plasmodium gallinaceum* in vitro, 158, 163

McCullough, Norman B.: Experimental human salmonellosis.
I. Pathogenicity of strains of *Salmonella meleagridis* and

Salmonella anatum obtained from spray-dried whole egg, 278
McGhee, Barclay R.: The adaptation of the avian malaria parasite *Plasmodium lophurae* to a continuous existence in infant mice, 86
Meyer, K. F.: Human carrier of the psittacosis virus, 109
Micrococcus candidus, A study of freshly generated bacterial aerosols of, and *Escherichia coli*, 256
Milzer, Albert: Effect of pituitary adrenocorticotrophic hormone (ACTH) on experimental poliomyelitis and equine encephalomyelitis, 54
Moss, Harvey: Resistance of lungs to streptococci as affected by ascorbic acid blood level or histamine administration, 98
Moulder, James W.: Purification and properties of the agent of feline pneumonitis, 56
Respiratory metabolism of the extra-embryonic membranes of chick embryos in relation to multiplication of agent of feline pneumonitis, 68
The effect of murine pneumonitis and lipid pneumonia upon the metabolism of mouse lung, 77
Mucins, The use of gastric mucin to lower resistance of laboratory animals to systemic fungus infections, 151
The virulence enhancing action of mucins: a survey of human mucins and mucosal extracts for virulence enhancing activity, 207
Murine pneumonitis, The effect of murine pneumonitis and lipid pneumonia upon the metabolism of the mouse lung, 77

Neisseria, vitamin requirements of, 156
Nemes, John L.: Vitamin requirements of *Neisseria*, 156
Nungester, Walter J.: Resistance of lungs to streptococci as affected by ascorbic acid blood level or histamine administration, 98

Parr, Leland W.: Experimental arthritis in albino rats produced by a strain of *Corynebacterium*, 290
Experimental arthritis in albino rats and mice produced by alpha type streptococci, 298
Pasteurella pestis, Rapid differentiation between *Pasteurella pestis* and *Pasteurella pseudotuberculosis* by action of bacteriophage, 254
Pasteurella pseudotuberculosis, Lysis of, by bacteriophage, 187
Rapid differentiation between *Pasteurella pestis* and *Pasteurella pseudotuberculosis* by action of bacteriophage, 254
Pelczar, Michael J., Jr.: Vitamin requirements of *Neisseria*, 156
Plasmodium calhemerium, Observations on the pre-erythrocytic stages of, 17
Plasmodium gallinaceum, Observations on the pre-erythrocytic stages of, 17
Dynamic aspects of the nitrogen metabolism of, in vivo and in vitro, 126
Studies on *Plasmodium gallinaceum* in vitro, 158, 163
Plasmodium lophurae, The adaptation of the avian malaria parasite *Plasmodium lophurae* to a continuous existence in infant mice, 86
Plasmodium relictum, Observations on the pre-erythrocytic stages of, 17
Pneumococcal infection, The course of pneumococcal infection in mice during treatment with antibacterial substances and adrenocortical extract, 27
Poliomyelitis, Effect of pituitary adrenocorticotrophic hormone (ACTH) on experimental poliomyelitis, 54
A search for poliomyelitis virus in house dust and a study of the effects of drying on the viability of the virus, 180
Pyrogens, The augmentation of the thermogenic effects of, by homologous plasma in rabbits, 194

Rappaport, Irving: Studies in trichinosis.
I. Immunity to reinfection in mice following a single light infection, 248
Ray, Amar P.: Studies on *Plasmodium gallinaceum* in vitro.
I. A method for maintenance of the erythrocytic parasite in vitro, 158
Reagan, Reginald L.: Response of the Syrian hamster to oral administration of modified Newcastle disease virus, 178
Rekers, Paul E.: The effect of X-irradiation on rats with and without *Bartonella muris*, 224
Relapsing fever, The effect of protein deficiency on the resistance of rats to infection with spirochetes of, 105
Respiratory infections, Studies on the experimental epidemiology of, 243
Rose, Jean: A study of freshly generated bacterial aerosols of *Micrococcus candidus* and *Escherichia coli*, 256

Salmonella anatum, Pathogenicity of strains of *Salmonella meleagridis* and, obtained from spray-dried whole egg 278
Salmonella meleagridis, Pathogenicity of strains of, and *Salmonella anatum* obtained from spray-dried whole egg, 278
Sandage, Curtis: Erythrocyte destruction in tuberculous animals following tuberculin injection, 9
Sarber, R. W.: In vitro and chemotherapeutic studies with chloramphenicol (chloromycetin) against *Hemophilus pertussis*, 50
Schabel, F. M., Jr.: St. Louis and Japanese encephalitis in hamsters following natural feeding of the viruses, 32
Schenck, Dorothy M.: Response of the Syrian hamster to oral administration of modified Newcastle disease virus, 178
Shechmeister, I. L.: Studies on the experimental epidemiology of respiratory infections.
V. Evaluation of factors related to slit sampling of airborne bacteria, 243
Shevky, M. C.: Lysis of *Pasteurella pseudotuberculosis* by bacteriophage, 187
Sigel, M. Michael: Laboratory aspects of an infection with Newcastle disease virus in man, 272
Silverberg, Rosalie: A search for poliomyelitis virus in house dust and a study of the effects of drying on the viability of the virus, 180
Smith, H.: The virulence enhancing action of mucins: a survey of human mucins and mucosal extracts for virulence enhancing activity, 207
Sprent, J. F. A.: On the toxic and allergic manifestations caused by the tissues and fluids in ascaris.
III. Hypersensitivity through infection in the guinea pig, 168
Strauss, Richard E.: The use of gastric mucin to lower resistance of laboratory animals to systemic fungus infections, 151
Streptococci, The inhibitory action of saliva on the diphtheria bacillus: hydrogen peroxide, the inhibitory agent produced by salivary streptococci, 81
Resistance of lungs to streptococci as affected by ascorbic acid blood level or histamine administration, 98
Experimental arthritis in albino rats and mice produced by alpha type streptococci, 298

Taylor, J. Jane: Studies on *Plasmodium gallinaceum* in vitro.
I. A method for maintenance of the erythrocytic parasite in vitro, 158
II. The effects of some 8-aminoquinolines against the erythrocytic parasites, 163
Thompson, Richard: The inhibitory action of saliva on the diphtheria bacillus: hydrogen peroxide, the inhibitory agent produced by salivary streptococci, 81
Trichinosis, Immunity to reinfection in mice following a single light infection, 248
Tuberculosis, Erythrocyte destruction in tuberculous animals following tuberculin injection, 9

Virus, Immunological relationship between the viruses of Japanese B encephalitis and Japanese equine encephalitis, 1
St. Louis and Japanese encephalitis in hamsters following natural feeding of the viruses, 32
Effect of pituitary adrenocorticotrophic hormone (ACTH) on experimental poliomyelitis and equine encephalomyelitis, 54
Purification and properties of the agent of feline pneumonitis, 56
Respiratory metabolism of the extra-embryonic membranes of chick embryos in relation to multiplication of the agent of feline pneumonitis, 68
The effect of murine pneumonitis and lipid pneumonia upon the metabolism of mouse lung, 77
Human carrier of the psittacosis virus, 109
Response of the Syrian namster to oral administration of modified Newcastle disease virus, 178
A search for poliomyelitis virus in house dust and a study of the effects of drying on the viability of the virus, 180
In vitro cultivation of the Mexican strain (Vallé "A" type) of foot-and-mouth disease virus, 212
Laboratory aspects of an infection with Newcastle disease virus in man, 272
Vollmer, Erwin P.: The course of pneumococcal infection in mice during treatment with antibacterial substances and adrenocortical extract, 27

Weiss, Emilio: Purification and properties of the agent of feline pneumonitis, 56
Respiratory metabolism of the extra-embryonic membranes of chick embryos in relation to multiplication of the agent of feline pneumonitis, 68
The effect of murine pneumonitis and lipid pneumonia upon the metabolism of mouse lung, 77
Wells, Helen S.: Studies in trichinosis.
I. Immunity to reinfection in mice following a single light infection, 248
Werner, H. Odette: Response of the Syrian hamster to oral administration of modified Newcastle disease virus, 178
Williams, Phebe G.: Resistance of lungs to streptococci as affected by ascorbic acid blood level or histamine administration, 98

Zion, V. K.: Lysis of *Pasteurella pseudotuberculosis* by bacteriophage, 187